



PATENT  
Attorney Docket No. ASX-056

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Gottschalk et al.  
SERIAL NO.: 09/701,854 ✓ GROUP NO.: 1746  
FILING DATE: February 15, 2001 ✓ EXAMINER: Markoff, Alexander  
TITLE: METHOD AND SYSTEM FOR CLEANING SEMICONDUCTOR ✓  
ELEMENTS

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GROUP 1700

Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT AND RESPONSE

Sir:

In response to the Office Action mailed from the U.S. Patent Office on September 12, 2002, Applicants submit this Amendment and Response. A petition and appropriate fee for an extension of time for three months, up to and including March 12, 2003, are submitted herewith.

AMENDMENT

To the Specification

Please amend the Specification as follows.

On page 7, after the last paragraph, insert:

-- One embodiment of the invention entails a method for cleaning semiconductor elements in a tank of ozonized, deionized (DI) ultrapure water. The method includes supplying highly pure oxygen to an ozone generator that produces an ozone/oxygen mixture. The ozone generator employs a silent electrical discharge to convert oxygen into ozone. CO<sub>2</sub> is added to the ozone/oxygen mixture that is produced by the ozone generator. The CO<sub>2</sub> can be added in a concentration of up to 10% of the ozone/oxygen mixture.

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